

BEGA**50 849.2**

Ceiling luminaire · downlight for indoor use

Project · Reference number

Date

Product data sheet**Application**

Ceiling luminaire downlight · indoor luminaire with asymmetrical light distribution. Luminaire infinitely rotatable 360° around the vertical luminaire axis. The radiation angle is 130°.

Product description

Ceiling luminaire downlight »STUDIO LINE«
Die-cast aluminium luminaire housing, velvet white enamel finish, inside hue matt aluminium
Trim ring · Chrome finish
Light-diffusing silicone lens
Reflector made of pure anodised aluminium
2 mounting holes \varnothing 4.5 mm
Distance apart 36 mm
Connecting terminals 2.5[□]
Earth conductor connection
Connecting terminals for digital control
LED power supply unit
220-240 V \sphericalangle 0/50-60 Hz
DC 176-276 V
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
CE – Conformity mark
Weight: 0.9 kg

Inrush current

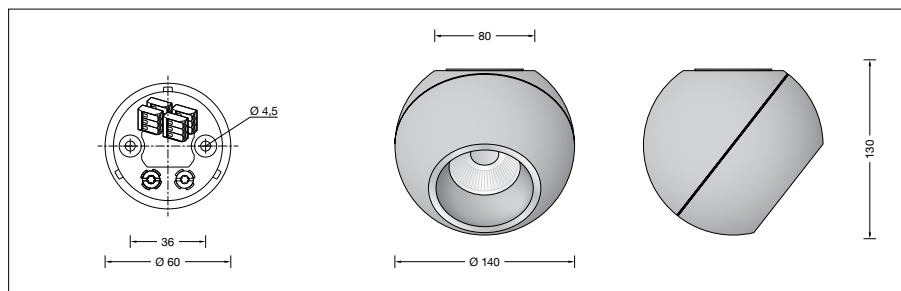
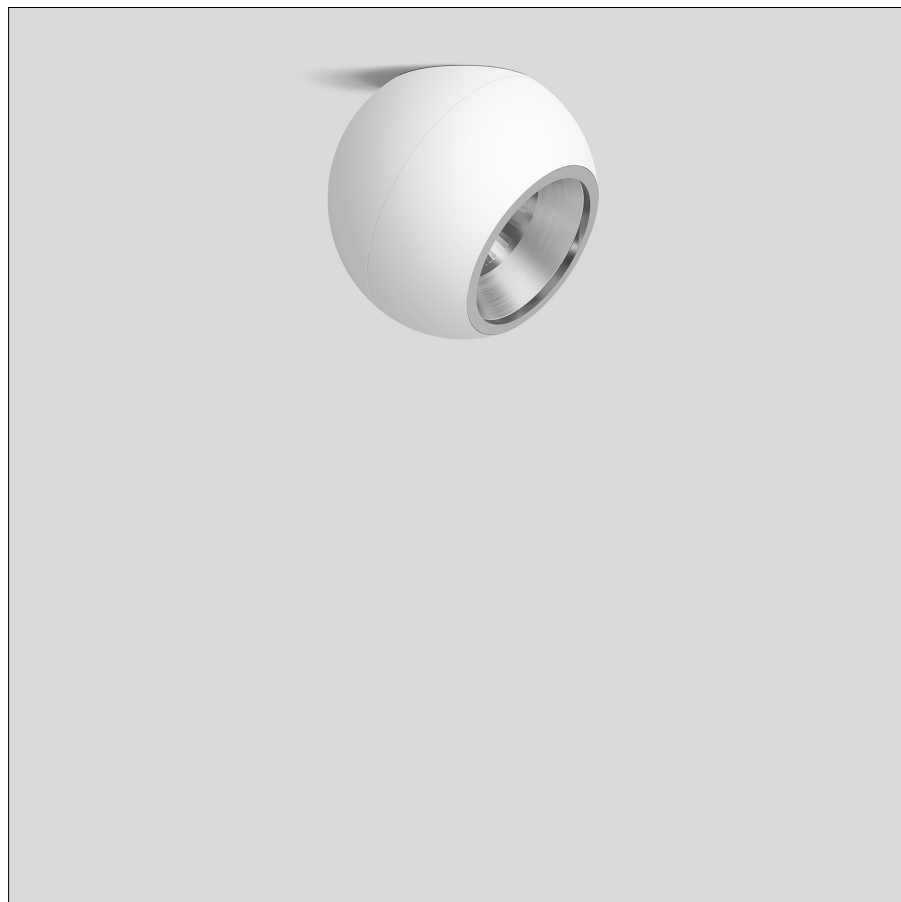
Inrush current: 4 A / 30 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 50 luminaires
C 16A: 50 luminaires

Lamp

Module connected wattage	8.5 W
Luminaire connected wattage	10 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C

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Module designation	LED-0581/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1200 lm
Luminaire luminous flux	884 lm
Luminaire luminous efficiency	88,4 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 50,000 h (L 90 B 50)

Ambient temperature $t_{a \max} = 50$ °C (100 %)	
LED psu:	50,000 h
LED module:	155,000 h (L 80 B 50)

Lighting technology

Asymmetrical light distribution
Half beam angle 24°
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

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Interior colour options

- matt aluminium Code number **.2**
- matt brass Code number **.4**
- matt copper Code number **.6**

Light distribution